

M 5.8, 91 km S of Preobrazheniye, Primorye, RU

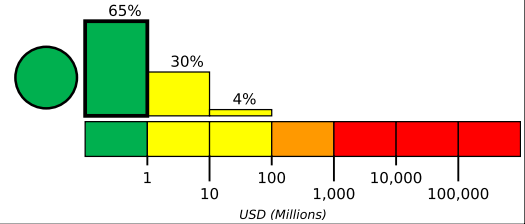
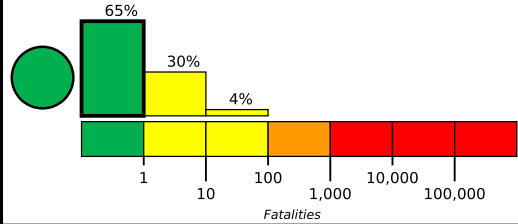
Origin Time: 2023-06-27 23:38:21 UTC (Wed 08:38:21 local)
Location: 42.0873° N 134.0548° E Depth: 442.6 km

Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

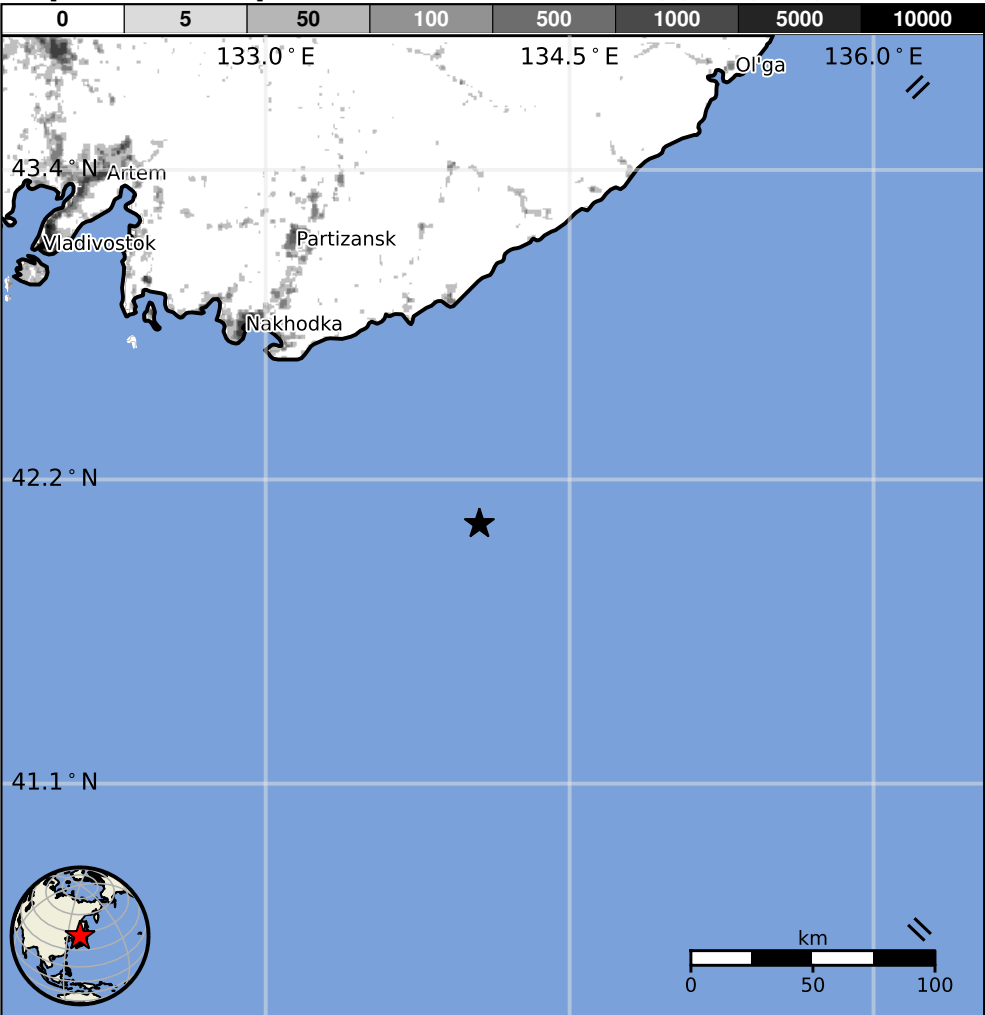


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	1,289k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and unreinforced brick with mud construction.

Historical Earthquakes

There were no earthquakes with significant population exposure to shaking within a 400 km radius of this event.

Selected City Exposure

from GeoNames.org

MMI	City	Population
II	Preobrazheniye	9k
II	Uglekamensk	6k
II	Volchanets	4k
II	Yekaterinovka	4k
II	Lazo	4k
II	Partizansk	42k
II	Nakhodka	147k
II	Bol'shoy Kamen'	38k
II	Artem	102k
II	Vladivostok	587k
II	Ussuriysk	157k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us6000knj0#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000knj0